

U.S. PTO  
10551 U.S. PTO  
09/18/98  
156580  
09/156580

2	Sub-class
800	Class
ISSUE CLASSIFICATION	

## U.S. UTILITY PATENT APPLICATION

 <b>O.I.P.E.</b> SCANNED <i>[Signature]</i> Q.A. <i>[Signature]</i>	<b>PATENT DATE</b> <i>APR 20 2001</i>
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<b>SECTOR</b> <i>[Signature]</i>	<b>CLASS</b> <i>[Signature]</i>	<b>SUBCLASS</b> <b>290</b>	<b>ART UNIT</b> <i>[Signature]</i>	<b>EXAMINER</b> <i>[Signature]</i>
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FILED WITH:  DISK (CRF)  FICHE  
(Attached in pocket on right inside flap)

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### PREPARED AND APPROVED FOR ISSUE

#### ISSUING CLASSIFICATION

ORIGINAL		CROSS REFERENCE(S)			
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)		
800	290	435	69.1	320.1	468
INTERNATIONAL CLASSIFICATION		536	23.6		
C 12 N	15/29	800	278	298	317 323.1
C 12 N	5/04				
C 12 N	15/82				
C 12 N	15/90				
A 01 H	5/00				

Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> TERMINAL DISCLAIMER	<b>DRAWINGS</b>			<b>CLAIMS ALLOWED</b>					
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.				
	5	5	NONE	12	1 and 11				
<input type="checkbox"/> a) The term of this patent subsequent to _____ (date) has been disclaimed. <i>Ashwin D Mehta 7/26/01</i> <small>(Assistant Examiner)</small> <small>(Date)</small>									
<input type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S Patent No. _____  <small>7.31.00</small>									
<input type="checkbox"/> c) The terminal _____ months of this patent have been disclaimed.  <small>GARY BENZION</small> <small>PRIMARY EXAMINER</small> <i>Gary Benzion 7/26/01</i> <small>(Primary Examiner)</small> <small>(Date)</small>									
<small>ISSUE FEE MR</small> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">Amount Due</td> <td style="width: 50%; padding: 5px;">Date Paid</td> </tr> <tr> <td style="text-align: center;">1210.00</td> <td style="text-align: center;">11/3/00</td> </tr> </table>						Amount Due	Date Paid	1210.00	11/3/00
Amount Due	Date Paid								
1210.00	11/3/00								
<small>ISSUE BATCH NUMBER</small> <small>p92</small>									

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Form PTO-438A  
(Rev. 10/97)

**ISSUE FEE IN FILE**

(LABEL AREA)

Formal Drawings This set

(FACE)